BRUHATH BANGALORE MAHANAGARA PALIKE
EXECUTIVE ENGINEER, YELAHANKA DIVISION

Name of Work: Construction Of Concrete Roads and Drains at Basavalingappa Nagara Colony

DETAILED ESTIMATE

							Estimated Cost:	100.00	Lakhs
No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
1	Dismantling chain link fencing including removing the posts, cement concrete fedestals, foundation and stacking the useful materials safely at a distance to the appropriate disposal area as per direction of Engineer-in-charge. (KPWD SR 2023-24, Volume-II, Item No.19.60, Page No.193)								
		Kgs							
	Existing Damaged Fencing					Unit Wt/m			
	Poles		41	1.50		11.60	713.40		
			47	1.50		11.60	817.80		
			49	1.50		11.60	852.60		
	Fencing								
			1	81.60		1.50	122.40		
			1	93.20		1.50	139.80		
			1	97.40		1.50	146.10		
	Block Pipe								
			2	81.60		2.55	416.16		
			2	93.20		2.55	475.32		
			2	97.40		2.55	496.74		
							4180.32		
			Deduct 30% for damaged portions				-1254.10		
						Total Quantity	2926.22	24.20	70814.62
	Rate Analysis								
	Basic rate in Rs.	22.00							
	Area Weitage @10%	2.20							
	Total Amount in Rs.	24.20							
2	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness. (i) By Manual Means a) In area of light jungle (KPWD SR 2023-24, Volume-III, Item No.2.4(b), Page No.9)								
		100Sqm							
	Burial Ground								
			1	79.90	95.30		7614.47		
							7614.47		
							76.14		
						Total Quantity	76.14	1234.20	93977.79
	Rate Analysis								
	Basic rate in Rs.	1122.00							
	Area Weitage @10%	112.20							
	Total Amount in Rs.	1234.20							

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs
3	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock without blasting upto 1.5 m depth (KPWD SR 2023-24, Volume-I, Item No.1.5.1, Page No.6)								
		Cum							
	For Column Footing								
			27	1.10	1.10	1.20	39.20		
			31	1.10	1.10	1.20	45.01		
			32	1.10	1.10	1.20	46.46		
	For SSM Foundation								
			1	81.60	0.90	0.90	66.10		
			1	93.20	0.90	0.90	75.49		
			1	97.40	0.90	0.90	78.89		
	For Toilet & Bathroom								
			2	5.00	0.90	0.90	8.10		
			4	2.00	0.90	0.90	6.48		
	New RCC Drain								
	1st Cross Road, Basavalingappa Nagara		2	132.50	1.10	0.90	262.35		
						Total Quantity	**628.09**	328.90	**206579.46**
	Rate Analysis								
	Basic rate in Rs.	299.00							
	Area Weitage @10%	29.90							
	Total Amount in Rs.	**328.90**							
4	Providing and laying in position plain cement concrete Mix 1:3:6 Using 40 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (KPWD SR 2023-24, V-I, Item No.2.1.3, Page No.15)								
		Cum							
	For Footing								
			27	1.10	1.10	0.15	4.90		
			31	1.10	1.10	0.15	5.63		
			32	1.10	1.10	0.15	5.81		
	For SSM Foundation								
			1	81.60	0.90	0.15	11.02		
			1	93.20	0.90	0.15	12.58		
			1	97.40	0.90	0.15	13.15		
	For Toilet & Bathroom								
			2	5.00	0.90	0.15	1.35		
			4	2.00	0.90	0.15	1.08		
	New RCC Drain								

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No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
	1st Cross Road, Basavalingappa Nagara		2	132.50	1.10	0.15	43.73		
						Total Quantity	99.24	6587.90	653763.43
	Rate Analysis								
	Basic rate in Rs.	5989.00							
	Area Weitage @10%	598.90							
	Total Amount in Rs.	**6587.90**							
	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KPWD SR 2023-24, V-II, Item No.5.4, Page No.9)								
		Cum							
	For SSM Foundation	Step-1	1	81.60	0.60	0.60	29.38		
			1	93.20	0.60	0.60	33.55		
			1	97.40	0.60	0.60	35.06		
		Step-2	1	81.60	0.45	0.45	16.52		
			1	93.20	0.45	0.45	18.87		
			1	97.40	0.45	0.45	19.72		
	For Toilet & Bathroom								
	Step-1		2	5.00	0.60	0.60	3.60		
			4	2.00	0.60	0.60	2.88		
	Step-2		2	5.00	0.45	0.45	2.03		
			4	2.00	0.45	0.45	1.62		
						Total Quantity	163.24	7027.90	1147216.83
	Rate Analysis								
	Basic rate in Rs.	6389.00							
	Area Weitage @10%	638.90							
	Total Amount in Rs.	**7027.90**							
6	Providing and laying in position Cement Concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.2.3 Page No.15)								
		Cum							
	For RCC Drain								
	1st Cross Road, Basavalingappa Nagara								
	For Raft		2	132.50	0.90	0.15	35.78		
	For Wall		4	132.50	0.15	0.60	47.70		
						Total Quantity	83.48	7318.08	610876.73
	Rate Analysis								
	Basic rate in Rs.	6336.00							
	Form Work 5% for Cross Drains	316.80							
	Area Weitage @10%	665.28							
	Total Amount in Rs.	**7318.08**							

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs
7	Providing and laying in position Cement Concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.2.3 Page No.15)								
		Cum							
	For Footing								
			27	1.10	1.10	0.45	14.70		
			31	1.10	1.10	0.45	16.88		
			32	1.10	1.10	0.45	17.42		
						Total Quantity	**49.01**	7178.69	351791.61
	Rate Analysis								
	Basic rate in Rs.	6336.00							
	Form Work 3% for Footing	190.08							
	Area Weitage @10%	652.61							
	Total Amount in Rs.	**7178.69**							
8	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.4.3 Page No.16)								0
		Cum							
	For Column Upto Plinth								
			27	0.30	0.30	1.05	2.55		
			31	0.30	0.30	1.05	2.93		
			32	0.30	0.30	1.05	3.02		
						Total Quantity	**8.51**	11848.32	**100769.96**
	Rate Analysis								
	Basic rate in Rs.	6336.00							
	Form Work 70% for Column	4435.20							
	Area Weitage @10%	1077.12							
	Total Amount in Rs.	**11848.32**							

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No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
9	Providing and laying in Cement Concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.3.2 Page No.16)								
		Cum							
	For Plinth beam								
			1	81.60	0.15	0.30	3.67		
			1	93.20	0.15	0.30	4.19		
			1	97.40	0.15	0.30	4.38		
	For Toilet & Bathroom								
			2	5.00	0.15	0.30	0.45		
			4	2.00	0.15	0.30	0.36		
						Total Quantity	**13.06**	10692.00	**139626.83**
	Rate Analysis								
	Basic rate in Rs.	6480.00							
	Form Work 50% for Plinth Beam	3240.00							
	Area Weitage @10%	972.00							
	Total Amount in Rs.	**10692.00**							
10	Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.5.2 Page No.16)								
		Cum							
	Column Above Plinth								
			27	0.30	0.30	1.80	4.37		
			31	0.30	0.30	1.80	5.02		
			32	0.30	0.30	1.80	5.18		
						Total Quantity	**14.58**	12796.41	**186571.66**
	Rate Analysis								
	Basic rate in Rs.	6843.00							
	Form Work 70% for Column	4790.10							
	Area Weitage @10%	1163.31							
	Total Amount in Rs.	**12796.41**							

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
11	Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.5.2 Page No.16)								
		Cum							
	Over all Lintel								
			2	5.00	0.15	0.15	0.23		
			4	2.00	0.15	0.15	0.18		
	Roof Beam								
			2	5.00	0.15	0.30	0.45		
			4	2.00	0.15	0.30	0.36		
						Total Quantity	**1.22**	12043.68	**14633.07**
	Rate Analysis								
	Basic rate in Rs.	6843.00							
	Form Work 60% for Lintel & Roof Beam	4105.80							
	Area Weitage @10%	1094.88							
	Total Amount in Rs.	**12043.68**							
12	Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.5.2 Page No.16)								
		Cum							
	Roof Slab								
			1	5.00	2.75	0.15	2.06		
						Total Quantity	**2.06**	11290.95	**23287.58**
	Rate Analysis								
	Basic rate in Rs.	6843.00							
	Form Work 50% for Roof Slab & Stair Case	3421.50							
	Area Weitage @10%	1026.45							
	Total Amount in Rs.	**11290.95**							
13	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. (KPWD SR 2023-24, V-I, Item No.2.11(a), Page No.18)								
		Tonne							

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No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
	For Footing @120Kgs/Cum			49.01		0.12	5.88		
	For Column @150Kgs/Cum			23.09		0.15	3.46		
	For Plinth Beam @150Kgs/Cum			13.06		0.15	1.96		
	For Roof Beam @150Kgs/Cum			1.22		0.15	0.18		
	For Roof Slab @100Kgs/Cum			2.06		0.10	0.21		
						Total Quantity	**11.69**	**98402.70**	**1150396.44**
	Rate Analysis								
	Basic Rate	89457.00							
	Area Weightage @10%	8945.70							
	Total Amount	**98402.70**							
14	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures (KPWD SR 2023-24, V-I, Item No.2.11(h), Page No.18)								
		Tonne							
	For RCC Drain 60Kgs per Cum			83.48		0.06	5.01		
						Total Quantity	**5.01**	**86912.10**	**435299.25**
	Rate Analysis								
	Basic Rate	79011.00							
	Area Weightage @10%	7901.10							
	Total Amount	**86912.10**							
15	Providing and Fixing Precast Cement Concrete Drain Covering Slab of 100mm thickness of concrete grade M20 and fixing with Cement Mortor 1:4 including cost of labour, lead, lift, loading & unloading, curing etc., as per the directions of engineer in-chrage. (Approved Rate)								
		Sqm							
	1st Cross Road, Basavalingappa Nagara		2	132.50	0.90		238.50		
						Total Quantity	**238.50**	**2072.00**	**494172.00**
	Rate Analysis								
	Basic Rate	2072.00							
	Total Amount	**2072.00**							
16	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. as directed by the Engineer in Charge of the work Approved Rate								
		Nos							
	1st Cross Road, Basavalingappa Nag		2	132.50		"/0.45	589.00		
						Total Quantity	**589.00**	**507.00**	**298623.00**
	Rate Analysis								
	Basic Rate	507.00							
	Total Amount	**507.00**							

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in
17	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (KPWD SR 2023-24, Volume-III, Item No.8.10, Page No.66)								
		Sqm							
	1st Cross Road, Basavalingappa Nagara		2	132.50		0.30	79.50		
						Total Quantity	**79.50**	**119.90**	9532.05
	Rate Analysis								
	Basic Rate	109.00							
	Area Weightage @10%	10.90							
	Total Amount	**119.90**							
18	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KPWD SR 2023-24, V-II, Item No.6.33, Page No.17)								
		Sqm							
	Compound Wall								
			1	81.60		1.80	146.88		
			1	93.20		1.80	167.76		
			1	97.40		1.80	175.32		
	Deductions								
	Gate		-1	3.00		1.80	-5.40		
	For Toilet & Bathroom								
			2	5.00		2.70	27.00		
			4	2.00		2.70	21.60		
	Deductions								
	Door		-1	0.75		2.10	-1.58		
	Ventilator		-1	0.60		0.60	-0.36		
						Total Quantity	**531.23**	**1354.10**	**719331.77**
	Rate Analysis								
	Basic Rate	1231.00							
	Area Weightage @10%	123.10							
	Total Amount	**1354.10**							
19	Providing and laying in position plain cement concrete Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (KPWD SR 2023-24, V-I, Item No.2.1.6, Page No.15) Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates								
		Cum							
	Lintel								
			1	81.60	0.15	0.10	1.22		
			1	93.20	0.15	0.10	1.40		
			1	97.40	0.15	0.10	1.46		
	Deductions								

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No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
	Gate		-1	3.00	0.15	0.10	-0.05		
	Coping above the wall								
			1	81.60	0.15	0.10	1.22		
			1	93.20	0.15	0.10	1.40		
			1	97.40	0.15	0.10	1.46		
	Deductions								
	Gate		-1	3.00	0.15	0.10	-0.05		
						Total Quantity	**8.08**	6867.30	**55460.31**
	Rate Analysis								
	Basic rate in Rs.	6243.00							
	Area Weitage @10%	624.30							
	Total Amount in Rs.	**6867.30**							
20	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.3.1, Page No.41)								
		Sqm							
	Plastering								
			2	81.60		1.90	310.08		
			2	93.20		1.90	354.16		
			2	97.40		1.90	370.12		
	Deductions								
	Gate		-2	3.00		1.90	-11.40		
	For Toilet & Bathroom								
			2	5.00		3.15	31.50		
			2	2.30		3.15	14.49		
	Deductions								
	Door		-3	0.75		2.10	-4.73		
	Ventilator		-3	0.60		0.60	-1.08		
						Total Quantity	**1063.15**	**389.40**	**413988.66**
	Rate Analysis								
	Basic Rate	354.00							
	Area Weightage @10%	35.40							
	Total Amount	**389.40**							
21	Providing 15 mm cement plaster with cement mortar 1:3 (1 cement:3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half brick wall including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.7, Page No.42)								
		Sqm							
	Inside Plastering								
			6	1.50		3.00	27.00		
			6	2.00		3.00	36.00		
	Deductions								
	Door		-3	0.75		2.10	-4.73		
	Ventilator		-3	0.60		0.60	-1.08		
						Total Quantity	**57.20**	**402.60**	**23026.71**
	Rate Analysis								

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
	Basic Rate	366.00							
	Area Weightage @10%	36.60							
	Total Amount	**402.60**							
22	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.27, Page No.45)								
		Sqm							
	Vide Qty from Item No.	20					1063.15		
							Total Quantity	**1063.15**	**58.30**	61981.35
	Rate Analysis								
	Basic Rate	53.00							
	Area Weightage @10%	5.30							
	Total Amount	**58.30**							
23	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives with pure Acrylic Resin, UV resistant, dirt & pick up resistant, Alkali & Water resistant of required shade: New work (Two coats applied @ 1.43 L/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.31, Page No.46)								
		Sqm							
	Vide Qty from Item No.	20					1063.15		
							Total Quantity	**1063.15**	**195.80**	208163.79
	Rate Analysis								
	Basic Rate	178.00							
	Area Weightage @10%	17.80							
	Total Amount	**195.80**							
24	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 L/10 m² over and including one coat of Special primer applied @ 0.75 L/10 m² with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (The gloss should be 50% @ 60 degree angle with 10 years life) (KPWD SR 2023-24, V-II, Item No.8.33.1, Page No.46)								
		Sqm							
	Vide Qty from Item No.	21					57.20		
							Total Quantity	**57.20**	**173.80**	9940.49
	Rate Analysis								
	Basic Rate	158.00							
	Area Weightage @10%	15.80							

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No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
	Total Amount	173.80							
25	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per m2 including pointing in white cement mixed with pigment of matching shade complete. (KPWD SR 2023-24, V-II, Item No.9.10, Page No.60)								
		Sqm							
	For Flooring								
	For Toilet		1	1.50	2.00		3.00		
	For Toilet		1	1.50	2.00		3.00		
	For Bathroom		1	1.50	2.00		3.00		
	For Cladding								
	For Toilet		2	1.50		2.10	6.30		
			2	2.00		2.10	8.40		
	For Toilet		2	1.50		2.10	6.30		
			2	2.00		2.10	8.40		
	For Bathroom		2	1.50		2.10	6.30		
			2	2.00		2.10	8.40		
	Deduction for Door		-3	0.75		2.10	-4.73		
						Total Quantity	**48.38**	**1216.60**	58853.03
	Rate Analysis								
	Basic Rate	1106.00							
	Area Weightage @10%	110.60							
	Total Amount	**1216.60**							
26	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in- Charge. (KPWD SR 2023-24, V-II, Item No.11.25.2, Page No.84)								
		Kgs							
	Gate								
			1	3.00		2.10	6.30		
							6.30	Sqm	
						45Kgs per Sqm	283.50	Kgs	
						Total Quantity	**283.50**	**149.60**	**42411.60**
	Rate Analysis								
	Basic Rate	136.00							
	Area Weightage @10%	13.60							
	Total Amount	**149.60**							
27	Providing & fixing of louvered ventilator made out of multi chambered UPVC (Matching to RAL-9016) sections and with minimum TiO2 (Titan um Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (KPWD SR 2023-24, V-II, Item No.12.85, Page No.109)								

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount
		Sqm							
	Ventilator		3	0.60		0.60	1.08		
						Total Quantity	1.08	6290.90	6794.1
	Rate Analysis								
	Basic Rate	5719.00							
	Area Weightage @10%	571.90							
	Total Amount	**6290.90**							
28	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.12.54, Page No.104)								
		m							
	Toilet & Bathroom Door		3	5.70			17.10		
						Total Quantity	17.10	349.80	5981.58
	Rate Analysis								
	Basic Rate	318.00							
	Area Weightage @10%	31.80							
	Total Amount	**349.80**							
29	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm Aluminium hinges. do- with both side prelam (KPWD SR 2023-24, V-II, Item No.12.55.1, Page No.104)								
		Sqm							
	Toilet & Bathroom Door		3	0.75		2.10	4.73		
						Total Quantity	4.73	2602.60	12297.29
	Rate Analysis								
	Basic Rate	2366.00							
	Area Weightage @10%	236.60							
	Total Amount	**2602.60**							
30	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.41, Page No.48)								
		Sqm							
	For Fencing								
			2	81.60		0.90			

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No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
			2	93.20		0.90			
			2	97.40		0.90			
	For Gate								
			2	3.00		2.10	12.60		
						Total Quantity	12.60	183.70	2314.62
	Rate Analysis								
	Basic Rate	167.00							
	Area Weightage @10%	16.70							
	Total Amount	183.70							
	NEW BOREWELL								
31	Geophysical investigation at site for sinking borewells for Providing drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test. etc. complete (Page No.140, Sl No.12.4, BWSSB SR 2023-24)								
		Each							
	Sinking borewells		1				1.00		
							1.00	5288.00	5288.00
	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) (Page No.139 Sl No.12.1, BWSSB SR 2023-24)								
		rmt							
32	a) 0.00 to 50.00 mtrs		1			50.00	50.00	370.00	18500.00
33	b) 50.00 to 100.00 mtrs		1			50.00	50.00	464.00	23200.00
34	c) 100.00 to 150.00 mtrs		1			50.00	50.00	493.00	24650.00
35	d) 150.00 to 200.00 mtrs		1			50.00	50.00	572.00	28600.00
36	e) 200.00 to 250.00 mtrs		1			50.00	50.00	671.00	33550.00
37	f) 250.00 to 300.00 mtrs		1			50.00	50.00	740.00	37000.00
38	g)300.00 to 350.00 mtrs		1			20.00	30.00	868.00	26040.00

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in
39	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.prices include Collar-Medium duty. (Page No.143, It no.12.32, BWSSB Sr-2023-24)								
	a) Casing Pipe	rmt							
			1			60.00	60.00		
						Total Qty	60.00	1933.00	115980.00
40	Providing Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, to work site as per necessary ammendments and instructions of engineer incharge of work. For 12.50 HP - 90 LPM @ 264 m = 24 STG Outlet Dia - 2.00" (BWSSB 2023-24, P-153, I-13.17.7)								
		Nos							
			1				1.00	64128.00	64128.00
41	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 6.0Sqm (Page No:7 Iten No:2.6.3 ELE SR SR 2023-24)								
		mtr							
	for new borewells	2	1	290.00			580.00	245.00	142100.00
42	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50mm dia (BWSSB SR 2023-24, P.154, I-13.25.1)								
		Each							
			1				1.00	1250.00	1250.00
43	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm (Page No.154 Item No.13.24.1, BWSSB SR- 2023-24)								
		Nos							
			1				1.00	1250.00	1250.00
44	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union (BWSSB SR 2023-24 P-131, I-11.12.6)								
		Nos							
			1	1.00			1.00	267.00	267.00

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No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
5	Providing, Laying and Fixing of GI pipes conforming to IS 1239:1990 with latest amendments complete with GI fittings (excluding the cost of fittings) with cuts and threads wherever necessary, including testing for water tightness, with all lead and commissioning. (contractor will make his own arrangements for procuring water for testing) For:Heavy Duty GI Pipe etc. complete. Light Duty GI pipe of 50mm dia (BWSSB SR 2023-24 P-127, I-11.1.6)								
		mtr							
			1	260.00			260.00	442.00	114920.00
46	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union (BWSSB SR 2023-24 P-131, I-11.12.6)								
		Each							
			1				1.00	267.00	267.00
47	Supply, installing,testing and commissioning COMMON control panel consisting of the following INCOMING:1 No set of Phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter, 1 No Analog Voltmeter 1ni with Phase selector switch, Isolating switch OUTGOING for Main Electrical Pump: 1 No. MCB 1 No. DOL of S/D Starter suitable for respective HP 1 No. Electrcal Protection Like single Phase preventor, under voltage over Volage, under current over current & dry run protection suitable for the pump described above 1 no Indoor type NOTE: 1) DOL- Direct Online Starter 2) S-D-Star Delta Starter etc. complete.6 to 15 HP pumps (BWSSB, SR 2023-24, P-155, Item No.13.23.3)								
		Each							
			1				1.00	15900.00	15900.00
48	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work. (Page No.156 / Item No. 13.32, BWSSB SR-2023-24)								
		Job							
			1				1.00	6500.00	6500.00
49	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. F) 20" x 20" x 2.5" (PWD Electrical SR 2023-24 P-14, I-5.6.6)								
		Each							
			1				1.00	326.13	326.13

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in
50	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work. (Page No.156 / Item No. 13.34, BWSSB SR-2023-24)								
		Job							
			1				1.00	1450.00	1450.00
51	Earthing: Suppluing and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts,nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia. (PWD Electrical SR 2022-23, P-54, Item No.12.56)								
		Job							
			1				1.00	3510.00	3510.00
52	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. (PWD Electrical SR 2023-24 P-18, I- 5.18.9)								
		Each							
			1				1.00	3088.00	3088.00
53	Supply and delivery at site brand new best make starter/ control panel suitable for following HP centrifugal pump confirming with ISI mark and its latest amendments. 10 to 12 HP centrifugal pump (Page No. 158 / Item No. 13.43.3, BWSSB SR 2023-24)								
		Each							
			1				1.00	35650.00	35650.00
54	Yield testing of borewells at final depth with a minimum of 10 hours continuously with the help of pump testing unit including the cost of transportation charges, crew charges and cost of consumables. (Sl No.12.9, Page No.140, BWSSB SR 2023-24)								
		Each							
			1				1.00	16306.00	16306.00
55	Supplying of TPST with rewirable porcelain channels in SM enclosure. Made out of 14 SWG powder coated paint of approved colour. 32A (Page No-14 , Item No-5.5.1, ELE SR 2023-24)								
		Nos							
			1				1.00	1701.00	1701.00
56	Supplying and fixing LED Type panel board indicating lamp with required colour Suitable for 220 V AC 50Hz 12/24 V DC Group 'A' (Page No-19 , Item No-5.38, ELE SR 2023-24)								
		Nos							
			1		3.00		3.00	515.00	1545.00

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No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
57	Supplying & fixing of Porcelain fuse channel with cutout on existing wooden/panel using necessary nuts, bolts and washers. (PWD Electrical SR 2023-24 P-14, I-5.7.3)								
		Each							
			1	6.00			6.00	401.00	2406.00
58	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. Flat.....with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm (PWD Electrical SR 2023-24 , Page NO:20, Item No:5.41.1).(Per leg 2. 5MtrX2 Nos legs)-5.00 Mtr Per Box								
		rmt							
			1	5.00			5.00	305.00	1525.00
59	Supplying Fully Automatic Star- Delta Starter Unit Push Button Type With Suitable Wires 3 Contractors, One Adjustable Thermal Timer Mounted on a Common Base Plate held in Steel Enclosure For Use on 400/440 Volts 3 Phase and Wired after Fixing to the Exisiting Wooden Board For Motor, Above 12.5 HP upto 25 HP (Page No-14 , Item No-5.2.2, ELE SR 2023-24)								
		Nos							
	1) Group "A" upto 15 HP		1				1.00	8764.00	8764.00
60	BESCOM Deposit charges and misc								
		L/S							
			1				1.00	15000.00	15000.00
	WATER SUPPLY WORK								
61	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests (KPWD SR 2023-24, Volume-II, Item No.14.1.1, Page No.131)								
		Each							
			2				2.00		
							Total Quantity	2.00	5372.40	10744.80
	Rate Analysis								
	Basic Rate	4884.00							
	Area Weightage @10%	488.40							
	Total Amount	5372.40							
62	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15mm C.P. brass pillar taps (KPWD SR 2023-24, Volume-II, Item No.14.7.1, Page No.132)								
		Each							
			1				1.00		
							Total Quantity	1.00	3390.20	3390.20
	Rate Analysis								
	Basic Rate	3082.00							
	Area Weightage @10%	308.20							

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
	Total Amount	3390.20							
63	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. (KPWD SR 2023-24, Volume-II, Item No.13.34, Page No.122)								
		Ltr							
			2000				2000.00		
						Total Quantity	2000.00	9.90	19800.00
	Rate Analysis								
	Basic Rate	9.00							
	Area Weightage @10%	0.90							
	Total Amount	9.90							
64	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes (KPWD SR 2023-24, Volume-II, Item No.13.31.3, Page No.122)								
		mtr							
			1	50.00			50.00		
						Total Quantity	50.00	349.80	17490.00
	Rate Analysis								
	Basic Rate	318.00							
	Area Weightage @10%	31.80							
	Total Amount	349.80							
65	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes (KPWD SR 2023-24, Volume-II, Item No.13.31.4, Page No.122)								
		mtr							
			1	50.00			50.00		
						Total Quantity	50.00	440.00	22000.00
	Rate Analysis								
	Basic Rate	400.00							
	Area Weightage @10%	40.00							
	Total Amount	440.00							
66	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber 150 x 100 mm size P type With Non Modular common burnt clay bricks of designation 3.5 & with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight or cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: (KPWD SR 2023-24, Volume-II, Item No.13.39, Page No.124)								
		Each							
			3				3.00		
						Total Quantity	3.00	2839.10	8517.30

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No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
	Rate Analysis								
	Basic Rate	2581.00							
	Area Weightage @10%	258.10							
	Total Amount	**2839.10**							
67	Providing and fixing Brass full way valve gate with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore (KPWD SR 2023-24, Volume-II, Item No.13.4.1, Page No.117)								
		Nos							
			1				1.00		
						Total Quantity	**1.00**	**603.90**	**603.90**
	Rate Analysis								
	Basic Rate	549.00							
	Area Weightage @10%	54.90							
	Total Amount	**603.90**							
68	Providing and fixing Brass full way valve gate with C.I. wheel of approved quality (screwed end) : 32 mm nominal bore (KPWD SR 2023-24, Volume-II, Item No.13.4.2, Page No.117)								
		Nos							
			1				1.00		
						Total Quantity	**1.00**	**657.80**	**657.80**
	Rate Analysis								
	Basic Rate	598.00							
	Area Weightage @10%	59.80							
	Total Amount	**657.80**							
69	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 32 mm nominal bore Vertical (KPWD SR 2023-24, Volume-II, Item No.13.6.2.2, Page No.118)								
		Nos							
			1				1.00		
						Total Quantity	**1.00**	**1017.50**	**1017.50**
	Rate Analysis								
	Basic Rate	925.00							
	Area Weightage @10%	92.50							
	Total Amount	**1017.50**							
70	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 25 mm nominal bore (KPWD SR 2023-24, Volume-II, Item No.13.11.3, Page No.119)								
		Nos							
			5				5.00		
						Total Quantity	**5.00**	**722.70**	**3613.50**
	Rate Analysis								
	Basic Rate	657.00							
	Area Weightage @10%	65.70							
	Total Amount	**722.70**							

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Sl No	Description of Work	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
71	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 32 mm nominal bore (KPWD SR 2023-24, Volume-II, Item No.13.11.4, Page No.119)								
		Nos							
			5				5.00		
						Total Quantity	5.00	772.20	3861.00
	Rate Analysis								
	Basic Rate	702.00							
	Area Weightage @10%	70.20							
	Total Amount	**772.20**							
72	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 g. (KPWD SR 2023-24, Volume-II, Item No.13.13, Page No.119)								
		Nos							
			5				5.00		
						Total Quantity	5.00	930.60	4653.00
	Rate Analysis								
	Basic Rate	846.00							
	Area Weightage @10%	84.60							
	Total Amount	**930.60**							
73	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 100 mm diameter (KPWD SR 2023-24, Volume-II, Item No.13.48, Page No.125)								
		m							
			1	50.00			50.00		
						Total Quantity	50.00	320.10	16005.00
	Rate Analysis								
	Basic Rate	291.00							
	Area Weightage @10%	29.10							
	Total Amount	320.10							
							Construction Total Amount		8471492.81
							Add 18% for GST Charges		1524868.71
							Sub Total		9996361.51
							Miscellaneous and unforeseen charges etc.L.S		3638.49
							Grand Total Amount		1,00,00,000.00

Administrative Sanction for Rs. 100.00 Lakh
Rupees One Crore Only
is accorded under head P-1878
SFP/FSP Grants
...istered as CE No. 04 ... Subject
...ditions contained in enclosed memo
BBMP/EE/YNK/AS/04/24-25 Dt. 12/7/24
Executive Engineer

Technical Sanction
Accorded For 100.00 Lakhs
Head of A/C P-1878
CER NO : 05 Dt: 12/7/24

Certificate:

1. The work spot has been inspected and found to be necessary
2. The provisions made in the estimate are necessary and minimum
3. The estimate is based on CSR of PWD & ELE 2023-24

Assistant Engineer Ward No.03 BBMP, Bangalore	Assistant Executive Engineer Yelahanka Satellite Town Sub Division BBMP, Bangalore	Executive Engineer Yelahanka Division BBMP, Bangalore

Scanned with ACE Scanner